

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier listings and all earlier versions.

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1. (Currently Amended) An image synthesis method comprising:
an input step, of inputting a plurality of image data;
a placement information generating step, of generating placement
information determined by a placement order of all images inputted in the input step;
a placement information obtaining step, of obtaining placement information
about a plurality of images in which adjacent images have a common subject region;
a setting step, of automatically setting one mapping mode out of a plurality
of mapping modes each corresponding to a different mapping surface in accordance with
[[said]] the obtained placement information;
a synthesis step, of combining [[said]] the plurality of images by using the
mapping mode set in [[said]] the setting step;
a changing step, of changing the mapping mode; and
a generating step, of issuing, when an image formed by changing the
mapping mode in [[said]] the changing step does not comply with a predetermined
condition set in accordance with the mapping mode, a warning and generating a
synthesized image in accordance with the predetermined condition.
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2. (Currently Amended) An image synthesis method according to

Claim 1, further comprising:

a focal length obtaining step of obtaining focal length information of each of the images,

wherein the mapping mode in accordance with the focal length information and the placement information is used in [[said]] the synthesis step.

3. - 4. (Canceled).

5. (Previously Presented) An image synthesis method according to Claim 1, further comprising a displaying step, of displaying a cuttable rectangular region without a margin in the synthesized image.

6. (Currently Amended) An image synthesis apparatus comprising:
inputting means for inputting a plurality of image data;
placement information generating means for generating placement
information determined by a placement order of all images inputted by the inputting means;

placement information obtaining means for obtaining placement information about a plurality of images in which adjacent images have a common subject region;

setting means for automatically setting one mapping mode out of a plurality of mapping modes each corresponding to a different mapping surface in accordance with [[said]] the obtained placement information;

synthesis means for combining [[said]] the plurality of images by using the

mapping mode set by [[said]] the setting means;

generating means for issuing, when an image formed by changing the mapping mode by [[said]] the changing means does not comply with a predetermined condition set in accordance with the mapping mode, a warning and generating a synthesized image in accordance with the predetermined condition; and

display means for displaying a cuttable rectangular region without a margin in the synthesized image.

7. (Currently Amended) An image synthesis apparatus according to Claim 6, further comprising:

focal length obtaining means for obtaining focal length information of each of the images,

wherein [[said]] the synthesis means uses the mapping mode in accordance with the focal length information and the placement information.

8. (Original) An image synthesis apparatus according to Claim 6, further comprising changing means for changing the mapping mode.

9. - 10. (Canceled).

11. (Currently Amended) A computer-readable storage medium having recorded thereon a program for implementing a computer-implementable image synthesis method for combining a plurality of images, [[said]] the program comprising:

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an input step, of inputting a plurality of image data;
a placement information generating step, of generating placement information determined by a placement order of all images inputted in the input step;
a placement information obtaining step, of obtaining placement information about a plurality of images in which adjacent images have a common subject region;
a setting step, of automatically setting one mapping mode out of a plurality of mapping modes each corresponding to a different mapping surface in accordance with the obtained placement information;
a synthesis step, of combining the plurality of images by using the mapping mode set in the setting step;
a changing step, of changing the mapping mode; and
a generating step, of issuing, when an image formed by changing the mapping mode in the changing step does not comply with a predetermined condition set in accordance with the mapping mode, a warning and generating a synthesized image in accordance with the predetermined condition.

12. (Currently Amended) A computer-readable storage medium according to Claim 11, the program further comprising:
a focal length obtaining step, of obtaining focal length information of each of the images,
wherein the mapping mode in accordance with the focal length information and the placement information is used in the synthesis step.

13. (Currently Amended) A computer-readable storage medium according to Claim 11, ~~[[said]]~~ the program further comprising a changing step, of changing the mapping mode.

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Canceled).

18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Canceled).

22. (Canceled).

23. (Canceled).

24. (Canceled).

25. (Canceled).

26. (New) An image synthesis method comprising:

an input step, of inputting a plurality of image data;

a placement information generating step, of generating placement information determined by a placement order of all images inputted in the input step;

a placement information obtaining step, of obtaining placement information about a plurality of images in which adjacent images have a common subject region;

a setting step, of automatically setting one mapping mode out of a plurality of mapping modes each corresponding to a different mapping surface in accordance with the obtained placement information; and

a synthesis step, of combining the plurality of images by using the mapping mode set in the setting step.

27. (New) An image synthesis apparatus comprising:

inputting means for inputting a plurality of image data;

placement information generating means for generating placement information determined by a placement order of all images inputted by the inputting means;

placement information obtaining means for obtaining placement information about a plurality of images in which adjacent images have a common subject region;

setting means for automatically setting one mapping mode out of a plurality of mapping modes each corresponding to a different mapping surface in accordance with the obtained placement information;

synthesis means for combining the plurality of images by using the mapping mode set by the setting means; and

display means for displaying a cuttable rectangular region without a margin in a synthesized image.

28. (New) A computer-readable storage medium having recorded thereon a program for implementing a computer-implementable image synthesis method for combining a plurality of images, the program comprising:

an input step, of inputting a plurality of image data;

a placement information generating step, of generating placement information determined by a placement order of all images inputted in the input step;

a placement information obtaining step, of obtaining placement information about a plurality of images in which adjacent images have a common subject region;

a setting step, of automatically setting one mapping mode out of a plurality of mapping modes each corresponding to a different mapping surface in accordance with the obtained placement information; and

a synthesis step, of combining the plurality of images by using the mapping mode set in the setting step.